

Title (en)
Systems and methods for providing a MoCA power management strategy

Title (de)
Systeme und Verfahren zur Bereitstellung einer MoCa-Leistungsverwaltungsstrategie

Title (fr)
Systèmes et procédés pour fournir une stratégie de gestion de l'alimentation MOCA

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Application
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Abstract (en)
[origin: EP2150004A2] Systems and methods for performing a method for reducing power consumption in MoCA devices that are connected via a coax network are provided. One method according to the invention includes, in a home network having a plurality of network modules, one of said plurality of network modules being a network controller, each of said plurality of network modules being connected to a coax backbone, communicating over the coax backbone between the plurality of network modules. The method further includes using the master module to receive requests sent over the coax backbone from the plurality of network modules for bandwidth to transmit bursts. The master module may establish an order of transmission opportunities for the plurality of network modules to follow when transmitting bursts directly to other network modules via the coax backbone. The method may also include using the master module to toggle each of the networked modules between a running power state and a standby power state. The standby power state may include an active mode and an idle mode. In the active mode, a networked node is configured to transmit and/or receive packets of information. In the idle mode, the networked node is configured to maintain a link to the network while powering down a portion of the circuit blocks, thereby reducing power consumption of the networked node.

IPC 8 full level
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Citation (examination)
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